

# Popovych Pavlo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/247160/publications.pdf>

Version: 2024-02-01

14  
papers

85  
citations

1307594

7  
h-index

1474206

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

42  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of the stress state of an erosion-worn tee of the main gas pipeline. Archives of Materials Science and Engineering, 2020, 2, 63-78.	1.1	11
2	Modeling of the Ordered Surface Topography of Statically Deformed Aluminum Alloy. Materials Science, 2016, 52, 113-122.	0.9	10
3	Dynamic Effect of Cushion Part of Wheeled Vehicles on Their Steerability. International Journal of Automotive and Mechanical Engineering, 2018, 15, 4880-4892.	0.9	10
4	Influence of Operating Media on the Fatigue Fracture of Steels for Elements of Agricultural Machines. Materials Science, 2014, 50, 377-380.	0.9	9
5	Corrosion and Electrochemical Behaviors of 20 Steel and St.3 Steel in Ammonium Sulfate and Nitrophoska. Materials Science, 2014, 49, 819-826.	0.9	9
6	Assessment of the Influence of Corrosive Aggressive Cargo Transportation on Vehicle Reliability. International Journal of Engineering Research in Africa, 0, 38, 17-25.	0.7	9
7	Influence of the Working Media on the Cyclic Crack Resistance of Steels for Elements of Agricultural Machines. Materials Science, 2015, 50, 621-625.	0.9	8
8	Corrosion-fatigue failure of tractor trailers metal materials in aggressive environments. Korozje A Ochrana Materialu, 2020, 64, 45-51.	0.7	8
9	Evaluation of strength of carrying metal structures of trailers. Journal of Achievements in Materials and Manufacturing Engineering, 2020, 2, 58-69.	0.6	7
10	Influence of Organic Fertilizers on the Corrosion-Electrochemical Characteristics of Low-Carbon Steels. Materials Science, 2014, 50, 284-289.	0.9	2
11	Performance of bearing steel structures of vehicle used in transportation of aggressive agricultural materials. Journal of Taibah University for Science, 2019, 13, 563-569.	2.5	2
12	Study of thermal stability and energy of activation of epoxy composites with particles of synthesised powder mixture for increasing reliability of vehicles. Scientific Journal of Silesian University of Technology Series Transport, 2021, 110, 73-86.	0.4	0
13	Determination of Thermomechanical Stresses in Elements of Vehicles' Braking Systems. Communications - Scientific Letters of the University of Zilina, 2022, 24, B1-B8.	0.6	0
14	Non-contact method of estimation of stress-strain state of underground pipelines during transportation of oil and gas. Scientific Journal of Silesian University of Technology Series Transport, 2020, 109, 17-32.	0.4	0